Application No:. **10/606,153**
Amendment Dated: 23 March 2005
Submittal of Preliminary Amendment

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the Application:

Listing of Claims:

1. (Original) A remote display system suitable for transmitting a data output signal for display at a remote location, said remote display system comprising:

a base station, said base station including

a computer for providing the data output signal,

a control processor for converting the data output signal into a control and data interface radio frequency (RF) signal,

an RF transmitter for broadcasting said control and data interface signal; and

at least one display device, each said display device including

an RF receiver for receiving said control and data interface signal,

a display controller for converting said control and data interface signal into the data output signal,

a display unit for displaying the data output signal.

2. (New) The remote display system of claim 1 wherein said control and data interface RF signal comprises display information for said display unit.

3. (New) The remote display system of claim 3 wherein said display information is generated in said computer.

4. (New) The remote display system of claim 2 wherein said display information is obtained from at least one of a remote server and a remote operator via the internet.

Application No:. **10/606,153**
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5. (New) The remote display system of claim 2 wherein said display information comprises at least one of an advertisement, a banner, and product data.

6. (New) The remote display system of claim 1 wherein said RF transmitter and said RF receiver operate at a frequency comprising a member of the group consisting of a 400 MHz band and a 900 MHz band.

7. (New) The remote display system of claim 1 wherein said RF receiver is powered by at least one of a battery and a solar cell.

8. (New) The remote display system of claim 1 wherein said display unit comprises at least one of an electrophoretic display and a cholisteric liquid crystal display.

9. (New) A remote display system suitable for transmitting data output signals between a central location and a display at a remote location, said remote display system comprising:

a base station including

a computer for providing a duplex data signal,

a first controller for converting said duplex data signal into a control and data interface signal,

a first RF receiver/transmitter for broadcasting said control and data interface signal as an RF signal; and

at least one display device, each said display device including

a second RF receiver/transmitter for converting said RF signal into a received control and data interface signal,

a second controller for converting said received control and data interface signal into the data output signal,

a display unit for displaying a display corresponding to the data output signal.

10. (New) The remote display system of claim 9 wherein said display device further comprises a proximity sensor for providing a signal to indicate the presence of a customer.

11. (New) The remote display system of claim 10 wherein said second controller is configured to read signals provided by said proximity sensor.

12. (New) The remote display system of claim 9 wherein said display device further comprises at least one of a keypad switch and a touch-screen for providing feedback from a user viewing an image on said display unit.

13. (New) The remote display system of claim 9 wherein said first RF receiver/transmitter and said first controller comprise a single RF subsystem operating in full duplex mode.

14. (New) A method for producing a display at a remote location, said method comprising the steps of:

providing a data output signal including display information suitable for display at one or more display devices;

generating an RF control and data interface signal from said data output signal, said RF control and data interface signal provided to a transmitter for broadcast as an RF signal;

receiving said RF signal and transmitting therefrom a control and data interface signal to a display controller; and

receiving said control and data interface signal at said display controller and sending therefrom a display data output signal to a display unit at the remote location.

15. (New) The method of claim 14 wherein said RF signal operates at a frequency comprising a member of the group consisting of a 400 MHz band and a 900 MHz band.

16. (New) The method of claim 14 further comprising the steps of generating user feedback at the remote location and transmitting said feedback to said second RF receiver/transmitter via a duplex signal.

17. (New) The method of claim 16 wherein said user feedback comprises feedback data obtained via a proximity sensor.

18. (New) The method of claim 16 wherein said user feedback comprises feedback data obtained via a touch-screen.

19. (New) The method of claim 16 wherein said user feedback comprises feedback data obtained via a keypad switch.

20. (New) The method of claim 16 wherein said step of providing a data output signal includes the step of obtaining said display information from at least one of a remote server or operator via the internet.